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Reference EP38264DK900peu	Application No./Patent No. 04748104.9 - 1242 / 1653598 PCT/JP2004010897
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### Communication

The European Patent Office herewith transmits as an enclosure the supplementary European search report under Article 153(7) EPC for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- ☒ 1 additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

### Refund of the search fee

If applicable under Article 9 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
EP 04 74 8104

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
(1) X ✓	EP 0 328 941 A (SIEMENS AG [DE]) 23 August 1989 (1989-08-23) * column 3, lines 6-10; figure 4 *	1,4-8	INV. H02M7/521
A	* column 4, line 37 - line 58; claim 1 *	2,3	
(2) A ✓	FERNANDO-SILVA J ED - ZAJC B ET AL: "Improving the reliability, the robustness and the performance of a three phase GTO voltage source inverter" ELECTROTECHNICAL CONFERENCE, 1991. PROCEEDINGS., 6TH MEDITERRANEAN LJUBLJANA, SLOVENIA 22-24 MAY 1991, NEW YORK, NY, USA, IEEE, US, 22 May 1991 (1991-05-22), pages 1327-1330, XP010040108 ISBN: 978-0-87942-655-2 * paragraphs [0001], [02.2]; figure 2 *	1,2	
(3) A ✓	US 4 447 867 A (EVANS WILLIAM E [US] ET AL) 8 May 1984 (1984-05-08) * abstract; claim 1 *	1,2	<div>TECHNICAL FIELDS SEARCHED (IPC)</div> <div>H02M</div>
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
Place of search <b>The Hague</b>		Date of completion of the search <b>24 April 2009</b>	Examiner <b>Imbernon, Lisa</b>
<div>CATEGORY OF CITED DOCUMENTS</div> <div> X: particularly relevant if taken alone  Y: particularly relevant if combined with another document of the same category  A: technological background  O: non-written disclosure  P: intermediate document  T: theory or principle underlying the invention  E: earlier patent document, but published on, or after the filing date  D: document cited in the application  L: document cited for other reasons  &amp; : member of the same patent family, corresponding document </div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 74 8104

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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24-04-2009

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0328941	A	23-08-1989	JP 1248956 A	04-10-1989
			US 4920473 A	24-04-1990
US 4447867	A	08-05-1984	NONE	

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